

DoD PFAS Status Updates - Sites with Potential Human Exposure
May 2018 Update

1.0 Federal Facilities

Not Responsive Based on Revised Scope

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3.0 Private HSCD Sites

Not Responsive Based on Revised Scope

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Not Responsive Based on Revised Scope

4.0 Water Protection Division

4.1 Chemours, West Virginia

(Background) Since the early 1950s, DuPont had been manufacturing Teflon at its Washington Works facility outside Parkersburg, West Virginia. The compound PFOA was used in the production process. It was later determined that PFOA was discharged into the air, surface water and ground water in the area. Since 2002, EPA Regions 3 & 5 have issued a series of SDWA Orders to DuPont and its spinoff company Chemours who now operates at the facility. Under the Orders, DuPont and Chemours have been required to test for the presence of PFOA in public and private drinking water supplies in designated areas of West Virginia and Ohio, and to provide alternate water or treatment when levels exceed the health advisory (HA) of 70 ppt.

Status/Actions Needed EPA Regions 3 & 5 continue to review well monitoring data generated by DuPont/Chemours and require the companies to expand the monitoring into new

geographic areas that may have endangering levels of PFOA. As before, any water supply exceeding the HA is provided alternate water and/or treatment.

4.2 GenX

Based on information provided by DuPont and Chemours, the use of PFOA at the Washington Works facility was discontinued in 2013. The compound GenX has since been used in the Teflon manufacturing process. Although the toxicity of GenX is not fully understood, EPA had concerns that it may be entering the surface water and ground water in a similar manner as did its predecessor PFOA. In a January 11, 2018 letter, EPA requested Chemours to test for GenX in four public water supplies and ten private water supplies (West Virginia and Ohio). Results indicate the presence of GenX in the raw (untreated) water in 9 of 14 water supplies sampled. GenX concentrations ranged from non-detect to 81 ppt. GAC filtration which is in place on all of the water supplies reduced GenX in the treated water to non-detect. EPA will formally request Chemours to continue the quarterly GenX monitoring on an expanded number (23) of public and private water supplies in order to more fully understand the extent of ground water contamination.

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